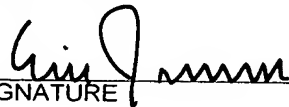


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| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  | Attorney Docket No.<br><b>8030-1013</b><br>U.S. Application No.<br><div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/553180</div> |
| INTERNATIONAL APPLN. NO.<br><b>PCT/JP2004/014627</b>  | INTERNATIONAL FILING DATE<br><b>5 October 2004</b> | PRIORITY DATE CLAIMED<br><b>10 October 2003</b>  |
| TITLE OF INVENTION: <b>MEASURING METHOD AND DEVICE FOR LIQUID CRYSTAL VISCOSITY COEFFICIENT</b>   |  |  |
| APPLICANT(S) FOR DO/EO/US: <b>Tatsuo UCHIDA, Tetsuya MIYASHITA, Takahiro ISHINABE</b>   |  |  |
| Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:   |  |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).<br/>The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</li> <li>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). )</li> <li>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input type="checkbox"/> Copy of IDS citations.</li> <li>13. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li>14. <input type="checkbox"/> A preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b)           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed Power of Attorney</li> <li>b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: <u><b>International Search Report</b></u></li> </ol> |  |  |

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| U.S. APPLICATION NO. <b>10/553180</b>   |   | INTERNATIONAL APPLN. NO. PCT/JP2004/014627  |                   |
|   |   | ATTORNEY DOCKET NO. 8030-1013   |                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.<br><input checked="" type="checkbox"/> The following fees are submitted:  |   | <b>CALCULATIONS</b><br>PTO USE ONLY   |                   |
| PCT FEES - NATIONAL STAGE   |   |   |                   |
| <u>Fee Description</u>  |   |   |                   |
| Basic National Stage Fee  |   | \$300.00  |                   |
| Non ISA/US Search Provided National Stage Search Fee  |   | \$400.00  |                   |
| <input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4) National Stage Examination Fee   |   | \$200.00  |                   |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)   |   | \$130.00  |                   |
| National Stage Application size fee each additional 50 sheets in excess of 100<br><br>Fee Code 1681/2681  | Additional Sheets<br>28 - 100 = 0 = 0 X<br>50 | Fee From Below<br>\$250.00  | \$0.00            |
| <b>CLAIMS</b>   | NUMBER FILED                                  | NUMBER EXTRA  | RATE              |
| Independent Claims Fee Codes 1614 / 2614  | 2 - 3 =                                       | 0   | x \$200.00        |
| Total Claims Fee Codes 1615 / 2615  | 2 - 20 =                                      | 0   | x \$50.00         |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616  |   | + \$360.00  | \$0.00            |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618  |   |   | \$0.00            |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)<br>\$40.00 per property   |   | +   | \$0.00            |
| <b>TOTAL FEES ENCLOSED</b>  |   | <b>=</b>  | <b>\$1,030.00</b> |
|   |   | Amount to be refunded:  | \$                |
|   |   | Charged:  | \$                |
| <input checked="" type="checkbox"/> A check in the amount of <b>\$1,030.00</b> to cover the above fees is attached.<br><input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17. |   |   |                   |
| SEND ALL CORRESPONDENCE TO:<br>YOUNG & THOMPSON<br>745 South 23 <sup>rd</sup> Street<br>Arlington, VA 22202<br>Telephone: (703) 521-2297<br>Facsimile: (703) 685-0573   |   | <br>SIGNATURE |                   |
| Y&T Customer No. <b>00466</b>   |   | Eric Jensen, Reg. No. 37,855  |                   |
| EJ/lpp  |   | NAME, REGISTRATION NUMBER   |                   |
|   |   | October 13, 2005  |                   |
|   |   | DATE  |                   |